

ABSTRACT OF THE DISCLOSURE

A heat exchanger defining a path of multi-directional airflow therethrough. A coil assembly within a housing of the heat exchanger divides the interior of the housing into first and second airflow plenums. The path of airflow includes a first portion in a first direction defining a cross flow distributed over a portion of the coil assembly in the first airflow plenum. A second portion defines a flow extending from the first airflow plenum in a second direction through the coil assembly. A third portion in the first direction defines a second cross flow distributed over a portion of the coil assembly in the second airflow plenum. In one embodiment, the coil assembly is oriented in an angular manner within the housing of the heat exchanger.